BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. **20.00Lakhs**

Name of Work:-Construction of RCC Drain and Providing covering slab of Jyothinagara in ward no-03.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no142, PWD SR 2016-17)	Cum							
	2nd Cross:-L/side		1	150.00	1.00	0.70	105.00		
	R/side		1	145.00	1.00	0.70	101.50		
							206.50	**96.48**	**19923.00**
	Basic Rate	82.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	9.02							
		91.02							
	Area Weightage @ 6%	5.46							
	Total	**96.48**							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no145 ,PWD SR 2016-17)	Cum							
			Vide Item No. 1				206.50	110.13	22742.00
	Basic Rate	68.00							
	Haulage for 8KM lead SRp-145(2.5*1.28*8)	25.60							
	Total	93.60							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	10.30							
	Total	103.90							
	Area Weightage @ 6%	6.23							
	Total	**110.13**							

3	KSRRB M2100 PCC 1 KSRRB M2100-10. Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 (P No. 218/27.18)	Cum							
	2nd Cross:-L/side		1	150.00	0.90	0.15	20.25		
	R/side		1	145.00	0.90	0.15	19.58		
							39.83	**6619.34**	**263615.00**
	Basic Rate	5625.82							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	618.84							
		6244.66							
	Area Weightage @ 6%	374.68							
	Total	**6619.34**							
4	Providing laying palin / reinforced cement concrete for Side Drain using M20 normal mix concrete with OPC cement at 300kgs with 20 mm and down size granite metal coarse aggregates @0.69cum and fine aggregates @machine mixed, Well compacted for wall and bottom including centering shuttering Cost of material HOM of machinery curing etc excluding cost of steel as per MORTH Specification No. 1500,1700,2200 walls & bottomof thicknes 15(Page. 265 / Item.No. 37.59.2)	Cum							
	2nd Cross Drain Bottom:-L/side		1	150.00	0.90	0.12	16.20		
	R/side		1	145.00	0.90	0.12	15.66		
	Side walls		2	150.00	0.15	0.60	27.00		
			2	145.00	0.15	0.60	26.10		
							84.96	8163.25	693550.00
	Basic Rate	6938.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	763.18							
		7701.18							
	Area Weightage @ 6%	462.07							
	Total	**8163.25**							

	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Tonne,s							
	0.080 tonne,s / cum						6.63	66714.40	442108.00
	Basic Rate	56701.00							
	Add 11% AD-HOC over SR 2016-2017 BasicRates	6237.11							
		62938.11							
	Area Weightage @ 6%	3776.29							
	Total	**66714.40**							
7	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	Covering slabs:-L/s		1	150.00	0.90		135.00		
	R/s		1	145.00	0.90		130.50		
							265.50	2100.00	557550.00
4	Miscellaneous & Unforeseen Charges								512.00
								TOTAL	**2000000.00**
	(Rupees Twenty lakhs Only)								

CERTIFICATE :-

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2017-18
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ward No 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

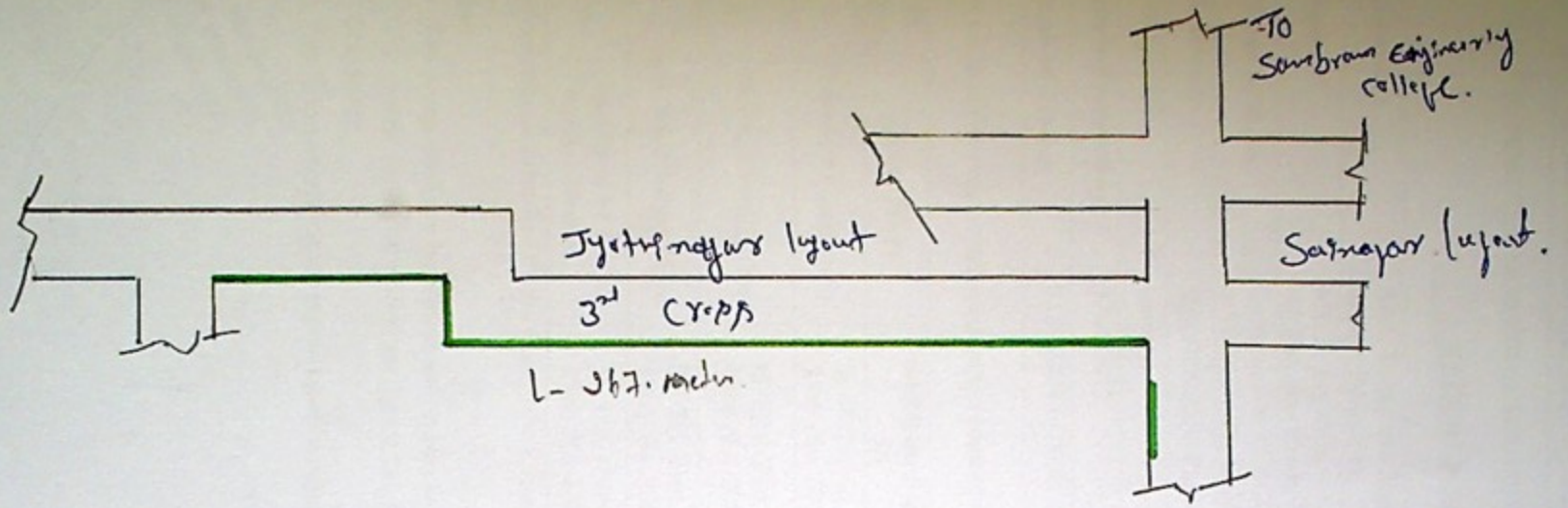
Administrative Approval
Accorded For PDW-171-18
Head of A/C. P.1771
CER NO :268 Dt:.08.02.18

TA CE (YNK)

TECHNICALLY SANCTIONED FOR Rs. 20.00 Lac
Rupees Twenty Lakhs-
only
Under P.1771-2017-18
Registered as CE ( ) No. 09
Subject to conditions contained in enclosed memo CE ( ) No. /01/
Dt. Estimate A/ Sanctioned
CE/YNK/TS/T3/17-18 No.
Dated 16.02.2018 Rs. 20.00 Lac

Executive Engineer

Construction of Rcc Drain and Providing covering slabs at Jyothinagar in ward No: 03



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